

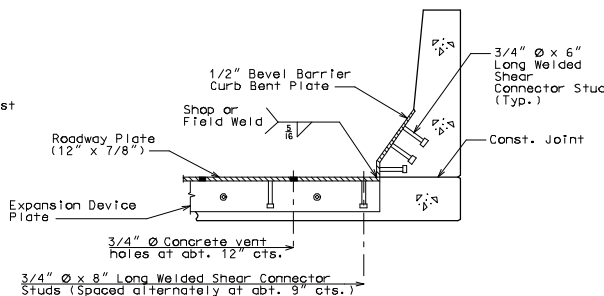
Bevel curb bent plate on roadway face

C C

$\frac{1}{4}$ "

PART ELEVATION  
AT END OF  
BEVELED CURB  
BENT PLATE

Note: Concrete vent holes not shown for clarity.



The diagram shows a vertical channel with a horizontal bar across its top. A shear stress distribution is indicated by arrows of varying lengths along the bar, with the longest arrow at the center. A label 'Bar' points to the horizontal bar. To the right, a vector diagram shows a horizontal line with an arrow pointing right, labeled  $\frac{1}{8}$ , and a vertical line with an arrow pointing up, labeled  $\frac{60^\circ}{G}$ . The angle between the horizontal line and the resultant vector is labeled 'Angle  $\theta$ '.

Technical drawing of a Beveled Barrier Curb Bent Plate, showing front and side views with dimensions and labels.

**Front View Labels:**

- Gap at 60°F
- Varies
- 4"
- 2"
- Beveled Barrier Curb Bent Plate 1/2" x 12" x 15" (Form flush with curb)
- 3 Welded Shear Connector Studs (3/4" Ø x 6" Long)
- Bevel end of bent curb plate on roadway face
- 2-Layers 30# (Min.) Roofing Felt between plate and recess

**Side View Label:**

- 5/8" Recess

**Dimensions:**

- Gap at 60°F
- 4"
- 2"
- 5/8" Recess

**Part Section:** PART SECTION B-B

ELEVATION OF BARRIER CURB

Technical drawing of a girder-to-column connection. The drawing shows a cross-section of a girder (labeled 'Girder') connected to a column. The connection is reinforced with several plates and stiffeners:

- 7/8" Roadway Plate**: Located at the top of the connection.
- 1/8" Gap in vertical plate (No weld)**: Indicated between the roadway plate and the vertical plate.
- 3/4" Plate (Typ.)**: A typical plate used in the connection.
- 3/4" x 2 1/4" Wide Plate (Typ.)**: A typical wide plate used in the connection.
- 1/2" Beveled Stiffener Plate (Typ.)**: A typical beveled stiffener plate used in the connection.
- 5/8" Vertical Plate**: A vertical plate used in the connection.
- 5/8" Angle**: An angle used in the connection.
- Bar**: A bar used in the connection.

Additional details include:

- No weld required on vertical leg of angle**: A note indicating that no weld is required on the vertical leg of the angle.
- 60°**: Two angles of 60 degrees are shown, one at the top and one at the bottom, indicating the slope of the stiffener plates.
- G**: A label for the girder.

Note: This drawing is not to scale. Follow dimensions.

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